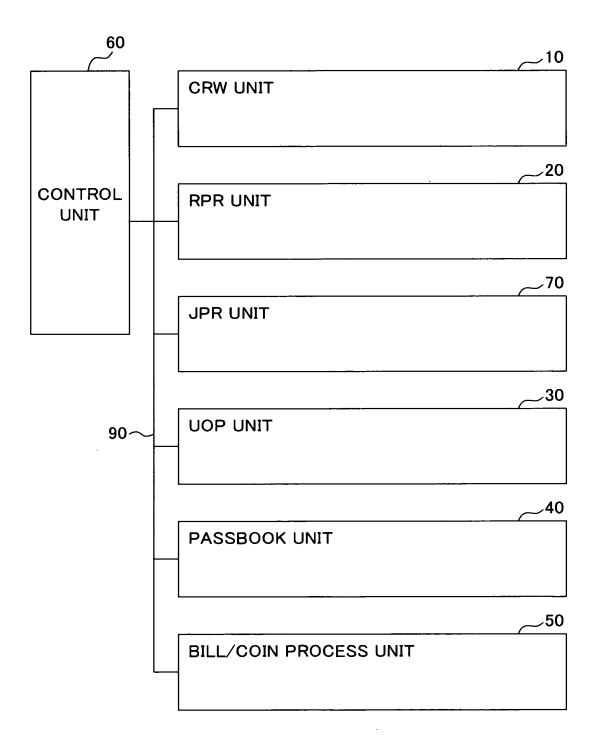
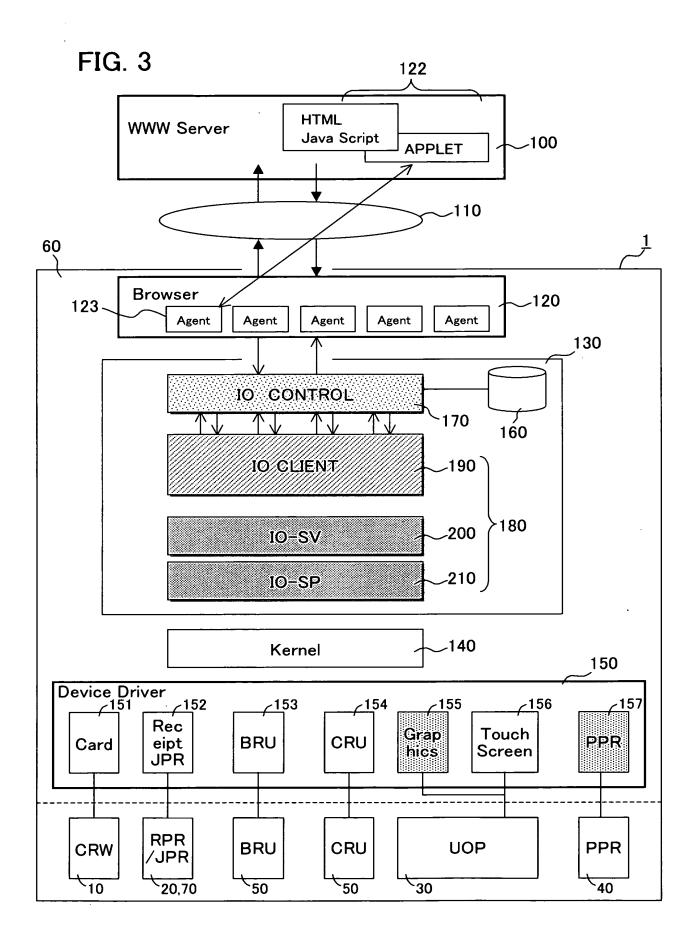


FIG. 2





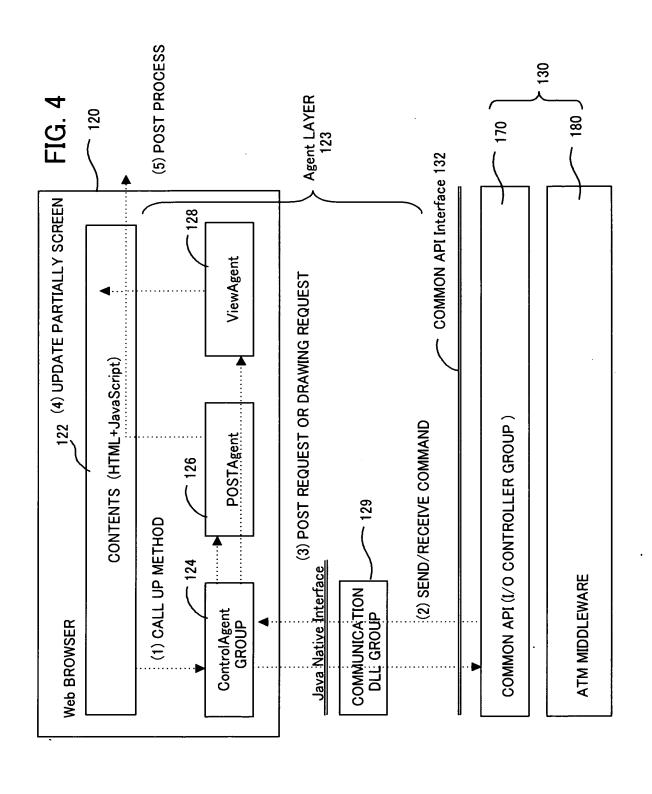


FIG. 5

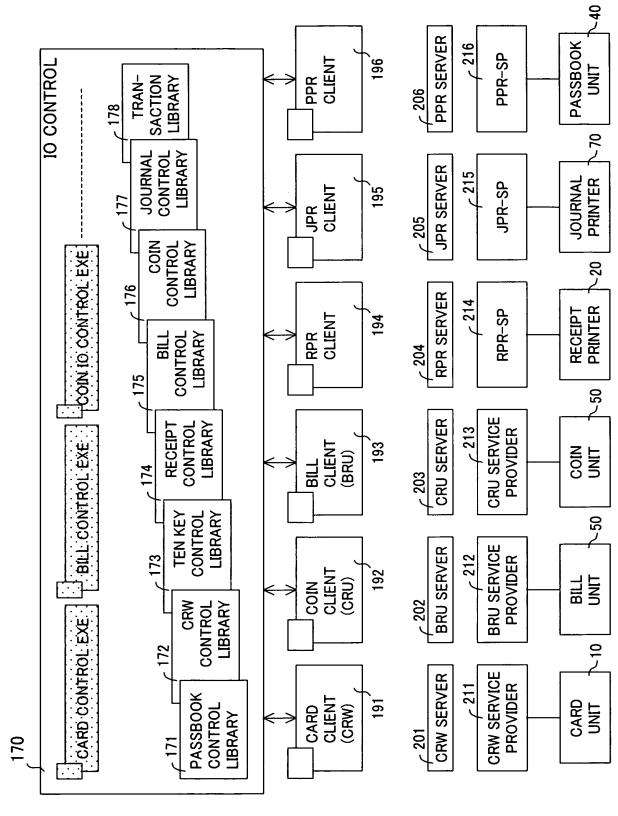


FIG. 6

COMMAND
CARD INSERTION
CARD EJECT
PRINT
RELEASE
PASSBOOK INSERTION
PRINT
MS WRITE
PASSBOOK EJECT
AUTO TURN PAGE
INITIALIZATION
ACCEPTANCE/COUNTING
STORE
DEPOSIT RETURN
FEED
RELEASE
CAPTURE
TRANSPORT PATH CHECK
JAM RESET

FIG. 7

					00	IO CONTROLLER	LER			
AGENT	METHOD				PAS				TRANS-	TEN
		NONE	BILL	COIN	BOOK	CARD	RECEIPT	RECEIPT JOURNAL ACTION	ACTION	KEY
SYNCHRONIZATION INITIALIZE	INITIALIZE		•	•	•	•	•	•	•	•
•	MECHANISM RESET		•	•	•	•	•	•		
	BILL/COIN INSERT		•	•						
	MEDIUM SIMULTANEOUS EJECT		•	•	•	•	•			
	PRINT/FEED/MS WRITE/EJECT PREPARE		•	•	•	•	•	•		
	DEPOSIT RETURN		•	•					-	
	STORAGE		•	•	. <u></u>					
	FORCE-EJECT/CAPTURE		•	•	•	•	•			
	OBTAIN UNIT INFORMATION/SET TRANSACTION									
	STATUS/TWO-SCREEN DISPLAY		•				•	•	•	•
. —	DEPOSIT/WITHDRAWAL PREPARE		•	•						
	FORCE REPLENISH		•	•						
	JAM RESET		•	•						
	CARD/PASSBOOK INSERT				•	•				
POST	POST PROCESS	•								
	POST DATA HOLD	•								
TEXT DISPLAY	FONT SET	•			:					
	TEXT DISPLAY	•								
	TEXT ERASE	•							<u> </u>	

FIG. 8

<u>!</u>					00	IO CONTROLLER	.ER			
AGENI	METHOD				PAS				TRANS-	TEN
		NONE	BILL	COIN	BOOK	CARD	RECEIPT	RECEIPT JOURNAL ACTION	ACTION	ΚĒΥ
BILL CONTROL	RECEIPT/COUNTING		•							
	STORAGE		•							
	DEPOSIT RETURN		•							
	RELEASE		•							
	CANCEL		•							•
PASSBOOK	PRINT LINE SET/PAGE MARK READ				•				-	
CONTROL	MS READ				•				_	
	AUTO TURN PAGE			<u> </u>	•	_				
	PAGE CHECK AUTO TURN			,	•					
	SET PASSBOOK TYPE INFORMATION				•					
CARD CONTROL	CARD INSERT					•				
	CANCEL					•				
	MONEY TRANSFER CARD PRINT					•				
	MONEY TRANSFER CARD ISSUE					•			_	
	EJECT PREPARE					•				·
RECEIPT CONTROL	RECEIPT CONTROL REGISTER OVERLAY						•			
	EJECT PREPARE						•			
TRANSACTION	SET TRANSACTION INFORMATION								•	
CONTROL	MONITOR DEVICE STATUS							7.	•	
	OBTAIN DEVICE STATUS								•	
	SET OSPERATION INFORMATION								•	
	CANCEL								•	
TEN KEY	TEN KEY INPUT START									•
	TEN KEY INPUT END									•

```
<APPLET CODE="U_agtSync_.class" codebase = "http://webatm:8080/webatm"</pre>
                                                                                                                                                                                      // SPECIFY AGENT WHICH IS CALLED UP IN THE SCREEN
                                                                                                                                                                                                                                          WIDTH="0" HEIGHT="0" NAME="U_agtSync" >
                                                      <TITLE>WebATM Sample</TITLE>
                                                                                                                                                                                                                                                                        </APPLET>
                                                                                     </HEAD>
                                                                                                                                    <BODY>
CHTML
                           ⟨HEAD⟩
```

// MAKE MAYSCRIPT DEFINITION SUCH THAT POSTAgent CALLS UP FUNCTION OF Java Script

<applet code="U_agtPost.class" codebase = "http://webatm:8080/webatm"

WIDTH="0" HEIGHT="0" NAME="U_agtPost" MAYSCRIPT>

```
ret = document. U\_agtSync\_initial \ (inputParam, \ parseInt(postMode), \ parseInt(maxTimer));
                                                                                                                 function postFunc(postData){    document.sys_form.ioResponse.value = postData;
                                                                        // DEFINE FUNCTION THAT IS CALLED UP FROM POSTAgent (REQUISITE)
                                                                                                                                                                                                                                                          // CALL UP INITIAL METHOD IN SYNCHRONIZATION Agent
                                                                                                                                                      window.document.sys_form.submit();
                                                                                                                                                                                                                                                                                                                                                                       // ABNORMAL NOTIFY PROCESS
                                                                                                                                                                                                                                                                                                                                                                                                                ~DMIT~
<SCRIPT language="javascript">
                                                                                                                                                                                                                                                                                                                                      if (ret < 0) {
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                </SCRIPT>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     </BODY>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            </HTML>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               <u>^</u> \
```

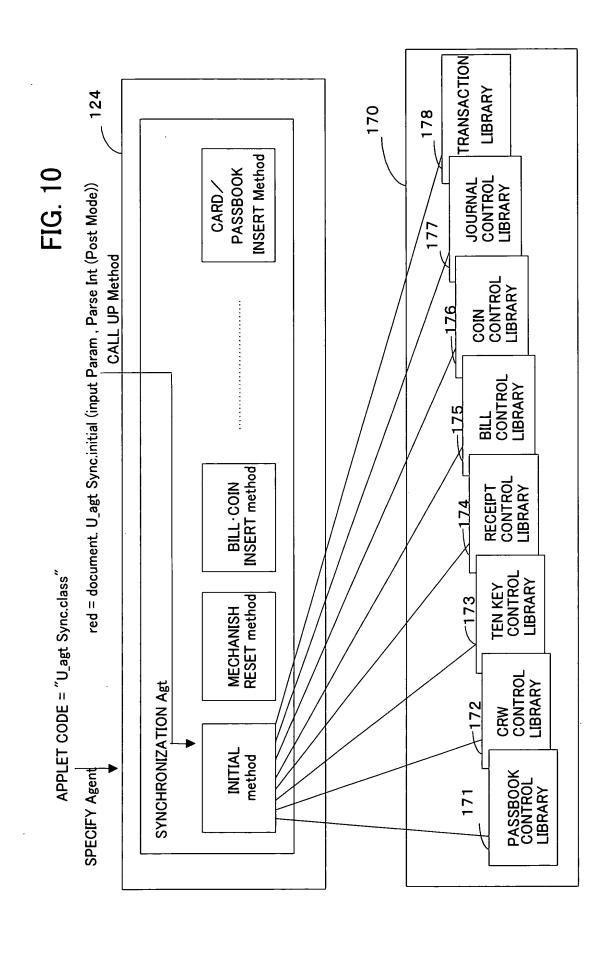
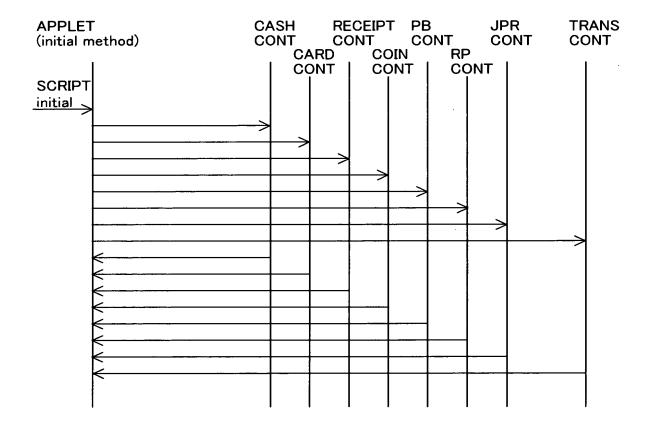


FIG. 11

Input Param

1	1	1	1	1	1	1	1
BILL	COIN	PASSBOOK	CARD	RECEIPT	JOURNAL	TRANSACTION	TEN KEY

FIG. 12



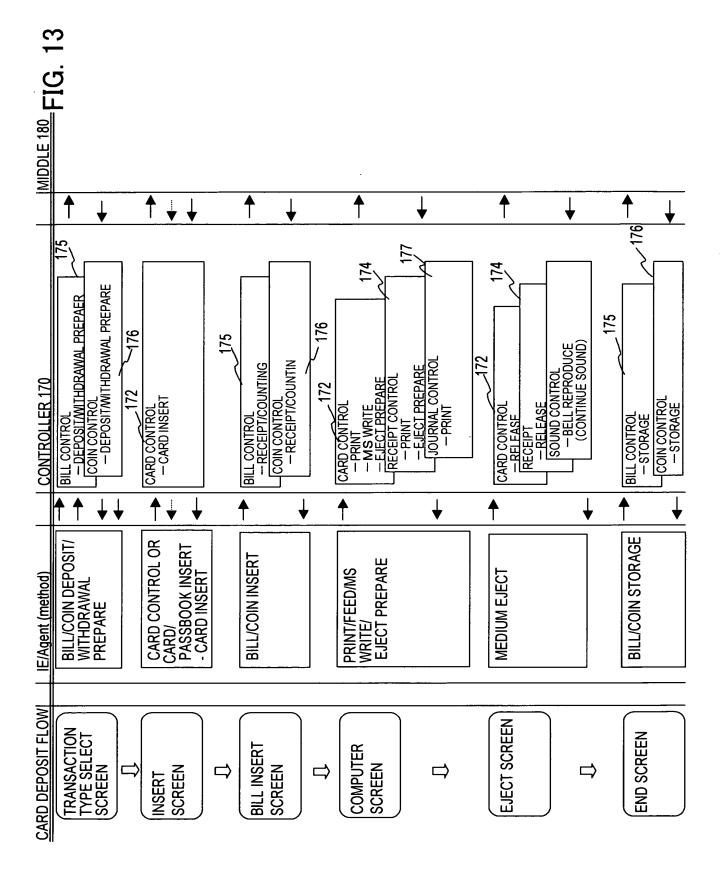


FIG. 12

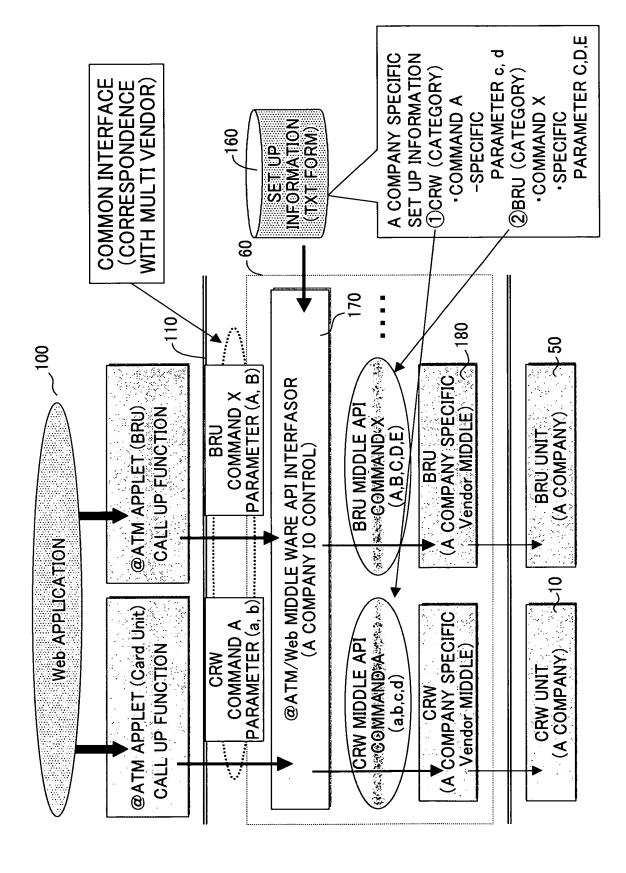


FIG. 15

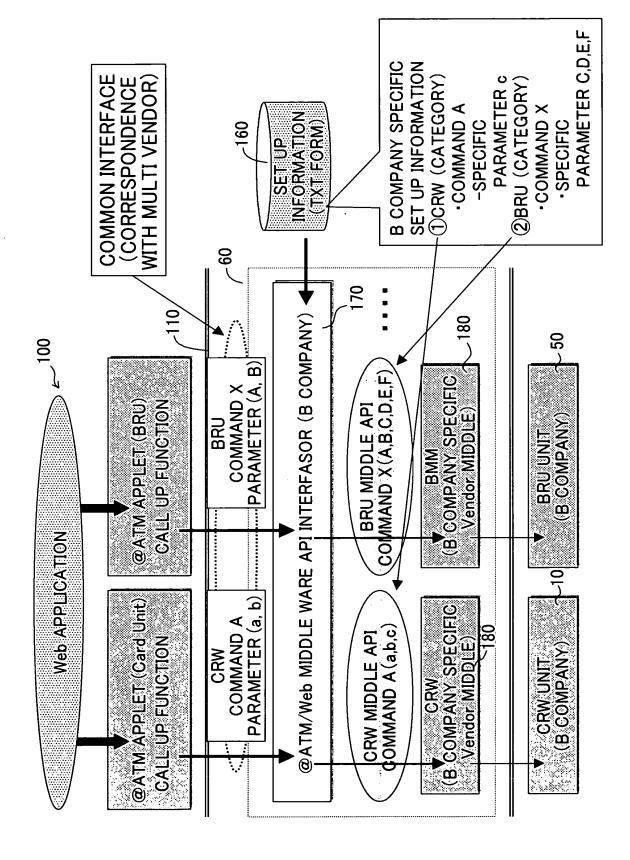
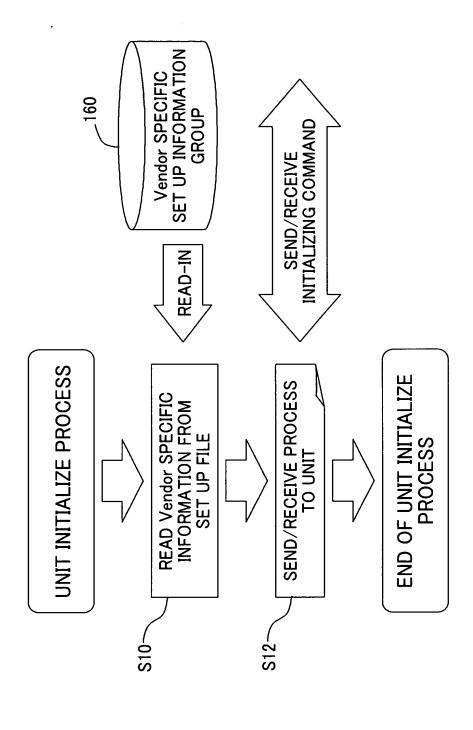


FIG. 16

ITEM	PROCESS	COMMON INTERFACE	VENDOR SPECIFIC INTERFACE
-	UNIT INITIALIZE PROCESS		PASSBOOK PRINTER USER TYPE CODE
2			PASSBOOK RIBBON NEAR END CHECK SPECIFICATION
က			PASSBOOK MS WRITE ERROR PAUSE SPECIFICATION
4			PASSBOOK PAGE MARK UP/DOWN USE SPECIFICATION
5			FORGOTTON PASSBOOK TAKE-IN/CLOSE SPECIFICATION
9	PASSBOOK INSERT PROCESS	INSERT MEDIUM LOGICAL TYPE SPECIFICATION	
7		PASSBOOK TYPE NO. SPECIFICATION	
8		W-MS CHANGE SPECIFICATION	
6		STRIPE POSITION SPECIFICATION	
10		MS ERASE SPECIFICATION	
11		SPECIFIED LINE POSITION SPECIFICATION	
12		COMPOSIT OPERATION SPECIFICATION	
13		CAMERA CONTROL SPECIFICATION	
14			MS POSITION
15			MS FORMAT
16			MS PARAMETER
17			LINE LAMP CONTROL DESIGNATION



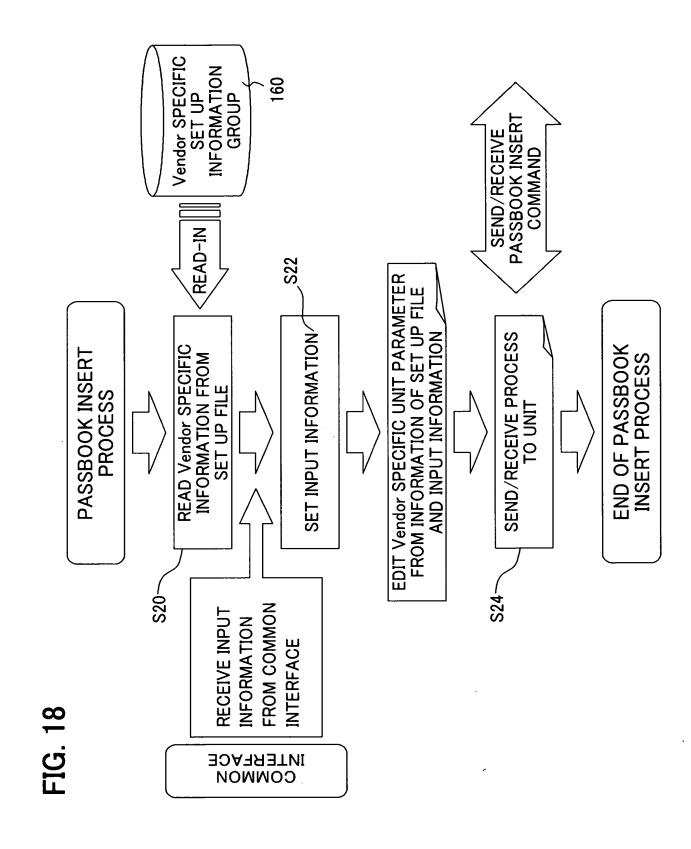


FIG. 19

					00	IO CONTROLLER	LER			
AGENT	METHOD				PAS					TEN
		NONE	BILL	COIN	BOOK	CARD	RECEIPT	RECEIPTJOURNAL	ACTION	ΚΕΥ
SYNCHRONIZATION INITIALIZE	INITIALIZE		•	•	•	•	•	•	•	•
SYNCHRONIZATION	SYNCHRONIZATION MECHANISM RESET		•	•	•	•	•	•		
SYNCHRONIZATION BILL/COIN INSERT	BILL/COIN INSERT		•	•						
SYNCHRONIZATION	SYNCHRONIZATION MEDIUM SIMULTANEOUS EJECT		•	•	•	•	•			
SYNCHRONIZATION	SYNCHRONIZATION PRINT/FEED/MS WRITE/EJECT PREPARE		•	•	•	•	•	•		
SYNCHRONIZATION	SYNCHRONIZATION DEPOSIT RETURN		•	•						
SYNCHRONIZATION STORAGE	STORAGE		•	•						
SYNCHRONIZATION	SYNCHRONIZATION FORCE-EJECT/CAPTURE		•	•	•	•	•			
CYNCHPONIZATION	SYNCHBONIZATION OBTAIN UNIT INFORMATION/SET TRANSACTION			•	•	_	•		•	•
NOTIVE	STATUS/TWO-SCREEN DISPLAY)	•			•			
SYNCHRONIZATION CANCEL	CANCEL									
SYNCHRONIZATION										
SYNCHRONIZATION	SYNCHRONIZATION DEPOSIT/WITHDRAWAL PREPARE		•	•						
SYNCHRONIZATION	SYNCHRONIZATION FORCE REPLENISH		•	•						
SYNCHRONIZATION JAM RESET	JAM RESET		•	•						
SYNCHRONIZATION	SYNCHRONIZATION CARD/PASSBOOK INSERT				•	•				
POST	POST PROCESS	•								
	POST DATA HOLD	•								
TEXT DISPLAY	FONT SET	•								
	TEXT DISPLAY	•								
	TEXT ERASE	•								

```
ret = document.U_agtSync_initial.initial (inputParam, parseInt(postMode), parseInt(maxTimer));
                                                                                                                                                                                                                                                                                                                                                                                                                                             // MAKE MAYSCRIPT DEFINITION SUCH THAT POSTAgent CALLS UP FUNCTION of JavaScript
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          function postFunc(postData) document.sys_form.ioResponse.value = postData;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       // DEFINE FUNCTION THAT IS CALLED UP FROM POSTAgent (REQUISITE)
                                                                                                                                                                                                                                                                                           <APPLET CODE="U_agtSync_initial.class" codebase = "http://webatm:8080/webatm"</pre>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  <ap><APPLET CODE="U_agtPost.class" codebase = "http://webatm:8080/webatm"</a>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          // CALL UP INITIAL METHOD IN SYNCHRONIZATION Agent
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     WIDTH="0" HEIGHT="0" NAME="U_agtPost" MAYSCRIPT>
                                                                                                                                                                                                                                                                                                                            WIDTH="0" HEIGHT="0" NAME="U_agtSync_initial" >
                                                                                                                                                                                                                                                        // SPECIFY Agent WHICH IS CALLS UP IN THE SCREEN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         // ABNORMAL NOTIFY PROCESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       window.document.sys_form.submit();
                                                                       <TITLE>WebATM Sample
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             <SCRIPT language="javascript">
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ~DMIT~
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        if (ret < 0) {
                                                                                                                                                                                                                                                                                                                                                                     </APPLET>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  </SCRIPT>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       </BODY>
                                                                                                              </HEAD>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          </HTML>
                                   <HEAD⟩
<HTML>
                                                                                                                                                                                    <BODY>
```

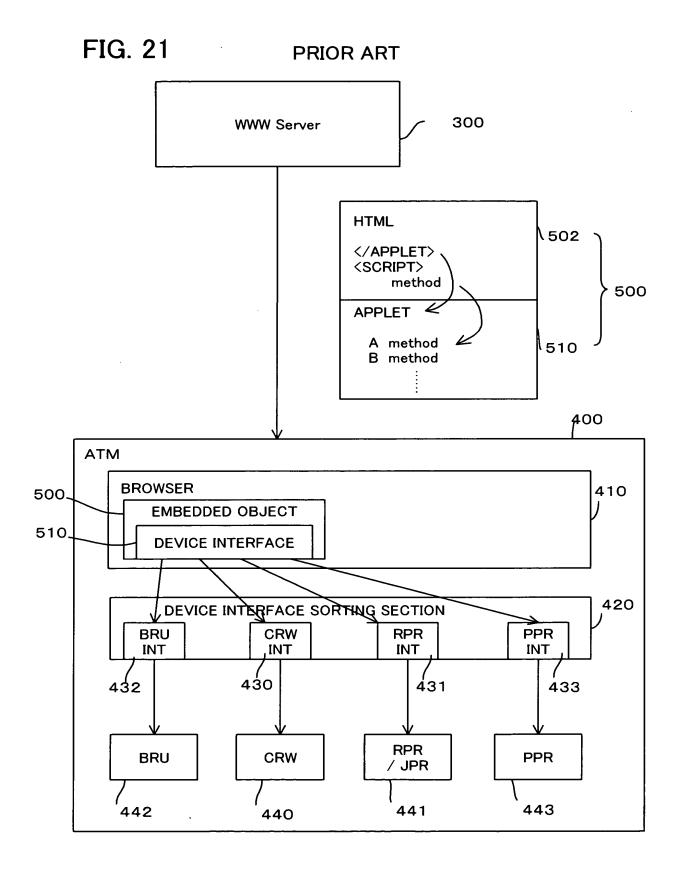


FIG. 22

PRIOR ART

FIG. 23

PRIOR ART

